

WHAT IS CLAIMED IS

1. A device for applying therapeutic stimuli to a subject,

comprising:

- 5 a. an audio source providing a selected audio tone; and
- b. audio speaker means for delivering said selected audio tone to the left and right ears of the subject, said audio speaker means alternating delivery of said audio tone to the subject's left ear, both the left and right ears, and the right ear of the listener.

2. The device of claim 1 in which said audio source comprises means for generating a selected audio tone.

3. A device for applying therapeutic stimuli to a subject,

comprising:

- 15 a. an audio source providing a selected audio tone;
- b. audio speaker means for delivering said selected audio tone to the left and right ears of the subject, said audio speaker means alternating delivery of said audio tone to the subject's left ear, and the right ear of the listener; and

20 c. means for acquiring an external audio tone and inputting means for transmitting said external audio tone to said audio speaker means.

25 4. The device of claim 1 in which said audio speaker means is a headphone.

5. The device of claim 3 in which said audio speaker means is a headphone.

6. The device of claim 1 which additionally comprises means for quantifying a variable body characteristic of the subject and producing a body characteristic signal, and said audio source further includes means for providing a plurality of audio tones and means for selecting one of said audio tones dependent on said quantified variable body characteristic.

7. The device of claim 6 in which said means for quantifying a variable body characteristic further comprises means for initiating said quantifying of said variable body characteristic, and an indicator of the rate of change of said variable body characteristic.

8. The device of claim 1 which additionally comprises means for providing a visual display commensurate with said alternating delivery of said audio tone.

9. The device of claim 1 which further comprises a tactile output commensurate with said alternating delivery of said audio tone.

10. The device of claim 9 which additionally comprises means for providing a visual display commensurate with said alternating delivery of said audio tone.

11. The device of claim 1 which further comprises speed adjusting means for determining the time interval between said alternating of said audio tone between the left ear and right ear.

12. A device for applying stimuli to a subject,
comprising:

a. an audio source providing a plurality of audio tones;

b. means for quantifying a variable body characteristic of
5 the subject and producing a body characteristic signal; and

c. audio speaker means for delivering of a certain audio
tone of said plurality of audio tones alternately to the left ear
and to the right ear of the subject, said audio source further
including means for selecting one of said audio tones dependent on
said quantified variable body characteristic.

13. The device of claim 12 which additionally comprises
means for providing a visual display commensurate with said
alternating delivery of said audio tone.

14. The device of claim 13 in which said audio source
comprises means for generating a selected audio tone.

15. The device of claim 14 in which said audio speaker
means is a headphone.